

Application Data Sheet

Application Information

Application number::

Filing Date::

Application Type:: Regular

Subject Matter:: Utility

Title:: DYNAMIC AUTHENTICATION OF
ELECTRONIC MESSAGES USING A
REFERENCE TO A CERTIFICATE

Attorney Docket Number:: 020581-000600US

Request for Early Publication:: No

Request for Non-Publication:: No

Total Drawing Sheets:: 6

Small Entity?: Yes

Petition included?: No

Secrecy Order in Parent Appl.: No

Applicant Information

Applicant Authority Type:: Inventor

Primary Citizenship Country:: US

Status:: Full Capacity

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Abstract

The purpose of this study was to determine whether the use of a computerized program could improve the accuracy of the measurement of the maximum voluntary contraction (MVC) force of the quadriceps muscle. The MVC force was measured by a dynamometer connected to a personal computer. The subjects were asked to perform a series of MVCs at different angles of knee flexion. The results showed that the use of the computerized program improved the accuracy of the measurement of the MVC force.

Keywords: Maximum voluntary contraction, Quadriceps muscle, Computerized program, Accuracy, Measurement.

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